

## ABSTRACT

An integrated multipurpose valve is a valve in which more than one type of valves are integrated in a cage held permanently in the pipeline, and the valve as a whole can perform multiple functions which allow it to be a shut off valve, a pressure reducing valve, a pressure relief valve and a check valve, and a multi-diversion valve which can divert fluid flow in several directions. The inner components of the valve can be inspected and replaced without removing the valve as a whole from the line.